

980~1150nm PM Inline Type Fixed Attenuator

FEATURES

- High Precision
- Variety Attenuation
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

APPLICATIONS

- LAN WAN Systems
- Signal Monitoring
- Network Monitoring
- CATV
- Test Equipment



SPECIFICATIONS

Parameter	Unit	Value	
Center Wavelength	nm	975, 980, 990, 1000 1020, 1030, 1040, 1053, 1064 1070, 1080, 1092, 1103, 1120	
Bandwidth	dB	+/-10	
Attenuation Range	dB	0~30dB	
Standard Attenuation Value	dB	3, 5, 10, 15, 20	
Attenuation Tolerance	<5dB	dB	+/-0.5
	≥5dB	%	+/-10%
Optical Return Loss	dB	≥45	
Extinction Ratio	dB	≥18	
Configuration	D Type	-	2-port
	Y Type	-	3-port, attenuated power guide out
Fiber Type	-	PM980 Panda Fiber or PM1060L Fiber (E) 10/125um PMDC Fiber (O)	
Fiber Tensile Load	N	5	
Maximum Optical Power (CW)	mW	300	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	Stainless Steel Tube	mm	Φ3.0x60 (Bare Fiber) Φ3.0x76 (900um Loose Tube)
	Metal Box-M		L120xW12xH10

- Note:**
- Specifications are for device without connectors; Specifications may change without notice.
 - To add connectors, IL is 0.5dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
 - Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.
 - Package size may be different for different optical power and fiber type.

ORDERING INFORMATION (PN)

PIAP-	NNNN	-	NN	(C)	-(C)	(C)	C	NN	-CC/CCC
	Center Wavelength		Attenuation	Configuration	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
	1064=1064nm		01= 1dB	Y-Y Type	M= Metal Box	E=PM1060L Fiber	B= Bare fiber	05=0.5m	N=Without Connector
	1053=1053nm		05= 5dB	Blank for D Type	Blank for SSL Tube	O=10/125PMDC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
	1030=1030nm		15= 15dB			Blank for PM980 Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
	980=980nm		30= 30dB				3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector